

Monthly Summary Sheet for December 2001

Gilbert and Mosley Project – Wichita, Kansas

Plumes ABE Construction Activities

The Phase I building construction activities continued in December. Pearson Excavating Inc. completed the placement and compaction of the 1,400 cubic yards of fill material to raise the elevation of the Phase I and Phase II building and plaza areas. The final grade for these areas will be developed during the concrete work. Longfellow Foundations was selected as the auger-cast pile contractor and installed a total of 46 auger-cast piles (right) to support the Phase I treatment building and aqueduct structure. These subsurface piles (42 14-inch diameter piles and 4 18-inch diameter piles) were constructed by augering into the bedrock and then installing a steel rebar cage along with a grout mixture pressurized to 150 pounds per square inch.

The bids for several of the Phase I building contracts were opened in late December, and Dondlinger & Sons Construction Co., Inc. (Dondlinger) was selected as the Phase I building contractor. CDM and Gossen Livingston Associates, Inc. (GLA) continued the preliminary design efforts for the Phase II components, and several meetings were conducted with City of Wichita (City) staff to discuss the possibility of modifying the design of the southern third of the environmental education center to include an enclosed classroom instead of the picnic shelter that was originally envisioned.

Anticipated January activities: Dondlinger will mobilize to the site and begin construction of the subsurface concrete tank, leak collection liner and collection sump, flow meter vault, and the concrete columns. CDM and GLA will continue the Phase I construction services and the Phase II design efforts.



Monitoring Activities

CDM conducted the Fourth Quarter 2001 (4Q01) groundwater monitoring activities in November. The laboratory, Pace Analytical Services, Inc. (Pace) notified CDM that there was an instrument malfunction during the analysis of the Fourth Quarter 2001 samples. Upon review of the data, approximately 35 samples were recollected in December to complete the Fourth Quarter 2001 event. Pace is paying for the labor and expenses associated with these re-sampling efforts.

Anticipated January activities: CDM will prepare the *Fourth Quarter 2001 Report and Annual Summary, Compliance Monitoring Network and Initial Components of the Site Monitoring Network, Gilbert and Mosley Site, Wichita, Kansas* for submittal to the City and the Kansas Department of Health and Environment (KDHE).

Source Area Activities

The *Non-Continuing Source Areas Monitoring Work Plan* has been submitted to KDHE, and the *Continuing Source Areas Monitoring Work Plan* and the *Remediated Source Area Monitoring Work Plan* were submitted to the City for transmittal to KDHE. The *Work Plan for Source Area Investigations and Source Control Measures Report at Tri-State – Central* is being internally reviewed by CDM for submittal to the City.

Anticipated January activities: CDM will finalize the *Work Plan for Source Area Investigations and Source Control Measures Report at Tri-State – Central* for submittal to the City by the end of January.